

New Claims

1. A device for triggering restraint devices, the device having a control unit (4) centrally located in the vehicle having at least one acceleration sensor and at least one upfront sensor (2, 3), the control unit (4) being configured in such a way that the control unit (4) triggers the restraint devices if specific derived signals of the at least one acceleration sensor and of the at least one upfront sensor (2, 3) exceed specific thresholds (S), the control unit changing the specific thresholds as a function of the signal of the at least one upfront sensor (2, 3), wherein two upfront sensors (2, 3) are provided, and the control unit uses a maximum of the two signals of the two upfront sensors (2, 3) for changing the respective thresholds, the system is configured for triggering a two-stage restraint device, and the two threshold values, which the derived signal of the acceleration sensor exceeds for triggering the first and second stages, are changed as a function of the maximum.
2. The device as recited in Claim 1, wherein the control unit (4) is configured in such a way that the control unit (4) forms in each case velocity signals from the signals of the at least one acceleration sensor and at least one upfront sensor (2, 3) for the comparison with the respective thresholds (S).
3. The device as recited in Claim 1, wherein the system is configured in such a way that the system filters the acceleration signals using an upper limit frequency of up to 100 Hz for forming velocity-like signals.